

Claims

1. A composition for delivery of diphenhydramine consisting of a condensation aerosol
 - a) formed by volatilizing a thin layer of diphenhydramine on a solid support, having the surface texture of a metal foil, to a temperature sufficient to produce a heated vapor of diphenhydramine and condensing the heated vapor of diphenhydramine to form condensation aerosol particles;
 - b) wherein said condensation aerosol particles are characterized by less than 5% diphenhydramine degradation products, and
 - c) wherein the aerosol has an MMAD of less than 3 microns.
2. The composition according to Claim 1, wherein the diphenhydramine is a free base form of diphenhydramine.
3. The composition according to Claim 1, wherein the condensation aerosol particles are formed at a rate of at least 10^9 particles per second.
4. The composition according to Claim 3, wherein the condensation aerosol particles are formed at a rate of at least 10^{10} particles per second.
5. The composition according to Claim 1, wherein the condensation aerosol particles are characterized by less than 2% diphenhydramine degradation products.
6. A method of producing diphenhydramine in an aerosol form comprising:
 - a) heating a thin layer of diphenhydramine on a solid support, having the surface texture of a metal foil, to a temperature sufficient to volatilize the diphenhydramine to form a heated vapor of the diphenhydramine and
 - b) during said heating, passing air through the heated vapor to produce aerosol particles of the diphenhydramine comprising less than 5% diphenhydramine degradation products and an aerosol having an MMAD less than 3 microns

7. The method according to Claim 6, wherein the diphenhydramine is a free base form of diphenhydramine.

8. The method according to Claim 6, wherein the aerosol particles are formed at a rate of at least 10^9 particles per second.

9. The method according to Claim 6, wherein the aerosol particles are formed at a rate of at least of at least 10^{10} particles per second.

10. A kit for delivering a drug aerosol comprising:

- a) a thin coating consisting essentially of diphenhydramine, and
- b) a device for dispensing said thin coating as a condensation aerosol.

11. The kit of claim 10, wherein the device for dispensing said coating as a condensation aerosol comprises:

- (a) a flow through enclosure,
- (b) contained within the enclosure, a metal substrate with a foil-like surface and having a thin coating of diphenhydramine formed on the substrate surface,
- (c) a power source that can be activated to heat the substrate to a temperature effective to volatilize the coating of diphenhydramine, and
- (d) inlet and exit portals through which air can be drawn through said device by inhalation,

wherein heating the substrate by activation of the power source is effective to form a diphenhydramine vapor containing less than 5% diphenhydramine degradation products, and drawing air through said chamber is effective to condense the diphenhydramine vapor to form aerosol particles wherein the aerosol has an MMAD of less than 3 microns.

12. The kit of claim 11, further including instructions for use.